

TIDAL POWER EHPD 10W-40

Semi Synthetic Heavy Duty Diesel Engine Oil

TIDAL POWER EHPD 10W-40 is a high performance semi synthetic engine oil to be used in diesel engines in light- and heavy commercial vehicles with or without turbocharger designed for use in Euro-II, Euro-III and EURO-IV emission requirements and engines equipped with EGR and/or SCR exhaust after treatment system.

TIDAL POWER EHPD 10W-40 is unsuitable for diesel engines equipped with a Diesel Particle Filter (DPF).

TIDAL POWER EHPD 10W-40 is based on high performance synthetic and mineral base oil in combination with a specially selected additive technology to ensure the following properties:

- Excellent thermal and oxidation stability.
- Excellent protection against forming of "Bore Polishing".
- Suitable for Low emission engine equipped with EGR and SCR technology
- Excellent protection against wear, foam and corrosion.
- Low temperature properties, to ensure a smooth cold start.
- Extended oil drain interval possible

TIDAL POWER EHPD 10W-40 exceeds the following performance criteria:

Approved: MB-Approval 228.5

Exceeds: API: CI-4 ACEA E4/E7 MAN M 3277 Volvo VDS-3 MACK EO-N
Scania LDF-2 Renault RLD-2 Renault RXD MTU Type 3 Deutz DQC-III-10
Cummins 20077/20078

Typical Analysis

Properties	Unit	Method	Typical Value
SAE Grade		SAE J300	10W-40
Density @15 °C	kg/m ³	ASTM 4052	871
Kinematic Viscosity @ 40 °C	mm ² /s	ASTM D7042	94
Kinematic Viscosity @ 100 °C	mm ² /s	ASTM D7042	14.3
Viscosity Index		ASTM D2270	157
Viscosity CCS @ -30 °C	cP	ASTM D5293	7000
Flash Point COC	°C	ASTM D92	>201
Pour Point	°C	ASTM D7346	-36
Total Base Number	mgKOH/g	ASTM D2896	12.5
Sulphated Ash	%Wt	ASTM D874	1.6
Date Issued: 30-12-2015	Supersedes:		Revision Nr.: 1

